

Problem Solving

Lesson 88 does not have a warmup.

Work through Lesson 88 a little differently than other lessons.

1. Read the problem solving question
2. Work on Solving the question. If you are having trouble solving the question, please do NOT guess. Go to the next question (Without looking at the video solution) Come back to the question after everything else is answered.
3. It may take a few days to answer the questions. You can work on Lesson 89 and 90 while finishing Lesson 88. (You must finish Lesson 88 before you can start Lesson 91)

Homeschool



Honor Roll

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Pre-Algebra and Geometry I

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I. Mystery Numbers

1. The sum of two numbers equals 29. The product of the numbers is 204. What are the two numbers?

II. Percents

3. 3 out of every 11 chicken in the town are the breed Leghorn. Write this ratio as a percent.

III. Fertilizing the Garden

5. Danielle has a circular garden with a diameter of 12 feet. She is using a new fertilizer. If she uses 2 teaspoons for every 10 square feet of garden, how much will Danielle need for her entire garden? Round to the nearest tenth.

IV. Brick Work

7. Nathaniel can lay 16 bricks in one hour. Keith can lay 26 bricks in one hour. John can lay 43 bricks in one hour. About how long will it take them to build a structure that uses 467 bricks? Round the answer to the nearest half-hour. (1.5 means one and one-half hours)

V. Percents

9. A local park has a picnic area with 25 square tables that can be pushed together to form one long table for a large group. Each square table can seat 6 people. How many people can be seated at the combined tables?

VI. Fertilizing the Garden

11. The local museum is making a scale model of Happy Acres Town. The scale model is 1 inch = 4 feet. The Farm tower is 38 feet in Happy Acres Town. What is the height of the tower in the museum's model town?

[illegible]